INDEX TO VOLUME 33

An asterisk (*) denotes the abstract of a paper presented before the Academy or an affiliated society.

PROCEEDINGS OF THE ACADEMY AND AFFILIATED SOCIETIES

Anthropological Society of Washington. 117.
Chemical Society of Washington. 116.
Geological Society of Washington. 347.
Washington Academy of Sciences. 31, 63, 94, 110.

AUTHOR INDEX

ANDREWS, E. A., and REINHARD, E. G. A folliculinid associated with a hermit crab. 216.
BARTSCH, PAUL. Notes on Mexican urocoptid mollusks. 54.
BATES, P. H. Alfred N. Finn (obituary). 32.
BITTER, FRANCIS. The scientific significance of ferromagnetism. 235.
BLACKMAN, M. W. New genera and species of Neotropical bark beetles (Coleoptera: Scolytidae). 34.
BLAKE, S. F. A new plant of the genus *Onoseris* from Bolivia. 368.
——— Ten new American Asteraceae. 265.
BOMHARD, MIRIAM L. *Ceroxylon ferrugineum* André, the Salento waxpalm. 1.
——— Distribution and character of *Sabal louisiana*. 170.
BRODKORB, PIERCE. Two new birds from Morelos, Mexico. 33.
BROWN, ROLAND W. A climbing fern from the Upper Cretaceous of Wyoming. 141.
——— Jefferson's contribution to paleontology. 257.
BROWNE, C. A. Henry Granger Knight (obituary). 94.
BRUCE, WILLIS N. See OSCAR E. TAUBER. 97.
CAMPBELL, R. S. Progress in utilization standards for western ranges. 161.
CHAPMAN, WILBERT MCLEOD. The osteology and relationships of the bathypelagic fishes of the genus *Bathylagus* Günther with notes on the systematic position of *Leuroglossus stilbius* Gilbert and *Therobromus callorhinus* Lucas. 147.
CHASE, AGNES. New grasses from South America. 316.
CLARK, A. H. Thomas Jefferson and science. 193.
CONSTANCE, LINCOLN. William Albert Setchell (obituary). 288.
COOPER, G. A. Charles Schuchert (obituary). 352.
CROIZAT, LEON. Notes on American Euphorbiaceae, with descriptions of eleven new species. 11.
CURTIS, HARVEY L. A scientific recreation—the extent and accuracy of our measurable concepts. 321.
DEARDORFF, MERLE H. See WILLIAM N. FENTON. 289.
DRECHSLER, CHARLES. Antagonism and parasitism among some oomycetes associated with root rot. 21.
——— Two new basidiomycetous fungi parasitic on nematodes. 183.
EMBREE, JOHN F. The relocation of persons of Japanese ancestry in the United States: Some causes and effects. 238.
EVITT, WILLIAM R. See MARK H. SECRIST. 358.
FENTON, WILLIAM N., and DEARDORFF, MERLE H. The last passenger pigeon hunts of the Cornplanter Senecas. 289.
FISCHER, R. P. *The vanadium deposits of Colorado and Utah. 349.
FISHER, A. K. Henry Corbin Fuller (obituary). 64.
FRIEDMANN, HERBERT. A new honey-guide from Cameroon. 249.
——— A new race of the sharp-tailed grouse. 189.
——— A new wood quail of the genus *Dendrortyx*. 272.
——— Critical notes on the avian genus *Lophortyx*. 369.
GOLDMAN, E. A. The systematic status of certain pocket gophers, with special reference to *Thomomys monticola*. 146.
HARRINGTON, JOHN P. Hokan discovered in South America. 334.
——— Pacific Coast Athapascan discovered to be Chilcotin. 203.
HEDGPETH, JOEL W. On a species of pycnogonid from the North Pacific. 223.
——— Pycnogonida of the Bartlett collections. 83.
HEYL, PAUL R. The genealogical tree of modern science. 327.
HILDEBRAND, SAMUEL F. Notes on the affinity, anatomy, and development of *Elops saurus* Linnaeus. 90.
HOFF, C. CLAYTON. Two new ostracods of the genus *Entocythere* and records of previously described species. 276.
HULL, FRANK M. New species of flies of the genera *Baccha* and *Rhinoprosopa* (Syrphidae). 214.
——— New species of syrphid flies in the National Museum. 39.
——— Some undescribed species of flies of the genus *Baccha* (Syrphidae). 72.
JACKSON, R. SCOTT. See WENDELL H. KRULL. 79.

JAHNS, R. N. *Sheet structure in granites; its origin and use as a measure of glacial erosion in New England. 348.

JENKINS, ANNA E., and VIÉGAS, AHMÉS P. Stem and foliage scab of sweet potato (*Ipomoea batatas*). 244.

JOYCE, CHARLES R. See OSCAR E. TAUBER. 97.

KIRK, EDWIN. A revision of the genus *Steganocrinus*. 259.

——— Identification of *Actinocrinus chloris* Hall. 346.

KRULL, WENDELL H., and JACKSON, R. SCOTT. Observations on the route of migration of the common liver fluke, *Fascicola hepatica*, in the definitive host. 79.

LEONARD, E. C. Four new species of Acanthaceae from Guatemala. 70.

LITTLE, ELBERT L., Jr. Homonyms among trees and fossil plants. 130.

——— New names in *Quercus* and *Osmanthus*. 8.

LOOMIS, H. F. A new genus of Virginia millipeds related to *Scytonotus* and a new species from Florida. 318.

LUCKER, JOHN T. A new trichostrongylid nematode from the stomachs of American squirrels. 75.

——— A redescription of *Typhlonema salomonis* Kreis (Nematoda). 28.

MATTHES, F. E. *Glacial events of the historic period. 347.

McVAUGH, ROGERS. The travels of Thomas Coulter, 1824–1827. 65.

MEARS, ELIOT G. Boundaries of the Humboldt Current. 125.

MEGGERS, WILLIAM F. Harry John McNicholas (obituary). 192.

MILES, CECIL. See LEONARD P. SCHULTZ. 251.

MISER, H. D. Memorial to Miss Olive C. Postley. 350.

NORTHROP, JOHN D. Herman Stabler (obituary). 118.

NUTTING, P. G. The physical chemistry of a cooling planet. 121.

O'NEILL, J. J. Frank Dawson Adams (obituary). 119.

PARSONS, A. L. Thomas Leonard Walker (obituary). 95.

PHELPS, W. H. See ALEXANDER WETMORE. 142.

PIERCE, W. G. *Heart Mountain and South Fork thrusts, Wyoming. 347.

PRICE, EMMETT W. North American monogenetic trematodes: VI. The family Diclidophoridae (Diclidophoroidea). 44.

REID, EARL D. Review of the genera of blennioid fishes related to *Ophioblennius*. 373.

REINHARD, E. G. See E. A. ANDREWS. 216.

ROSS, CLARENCE S. Clays and soils in relation to geologic processes. 225.

SANTOS, JOSÉ VERA. New grasses from the Philippines and South India. 135.

SAYLOR, LAWRENCE W. Synoptic revision of the *testaceipennis* group of the beetle genus *Phyllophaga*. 106.

SCHMITT, WALDO L. Mary Jane Rathbun (obituary). 351.

SCHULTZ, LEONARD P. Two marine fishes new to the fauna of Alaska, with notes on another species. 59.

——— Two new characinid fishes from South America of the genus *Gilbertolus* Eigenmann. 273.

——— and MILES, CECIL. Descriptions of a new genus and a new species of Paradontinae, characinid fishes from South America. 251.

SECRIST, MARK H., and EVITT, WILLIAM R. The paleontology and stratigraphy of the upper Martinsburg formation of Massanutten Mountain, Virginia. 358.

SMITH, A. C. *Killipiella*, a new Colombian genus of Vacciniaceae. 242.

SMITH, HOBART M. A new snake of the genus *Tropidodipsas* from Mexico. 371.

——— Another Mexican snake of the genus *Pliocercus*. 344.

SNYDER, CARL F. Richard Fay Jackson (obituary). 287.

TAUBER, ANNE HAGER. See OSCAR E. TAUBER. 97.

TAUBER, OSCAR E.; TAUBER, ANNE HAGER; JOYCE, CHARLES R.; and BRUCE, WILLIS N. Toxicity of some dinitrophenols to the American dog tick, *Dermacentor variabilis* (Say). 97.

VALENTINE, J. MANSON. Insect taxonomy and principles of speciation. 353.

VIÉGAS, AHMÉS P. See ANNA E. JENKINS. 244.

WETMORE, ALEXANDER, and PHELPS, W. H. Description of a third form of curassow of the genus *Pauxi*. 142.

ZELIFF, C. COURSON. A new species of *Cyclocoelum*, a trematode from the catbird. 255.

SUBJECT INDEX

Anthropology. The relocation of persons of Japanese ancestry in the United States: Some causes and effects. JOHN F. EMBREE. 238.

Astrophysics. The physical chemistry of a cooling planet. P. G. NUTTING. 121.

Botany. A new plant of the genus *Onoseris* from Bolivia. S. F. BLAKE. 368.

Antagonism and parasitism among some oomycetes associated with root rot. CHARLES DRECHSLER. 21.

Cerozylon ferrugineum André, the Salento waxpalm. MIRIAM L. BOMHARD. 1.

Distribution and character of *Sabal louisiana.* MIRIAM L. BOMHARD. 170.

Four new species of Acanthaceae from Guatemala. E. C. LEONARD. 70.

Homonyms among names of trees and fossil plants. ELBERT L. LITTLE, Jr. 125.

Killipiella, a new Colombian genus of Vacciniaceae. A. C. SMITH. 242.

New grasses from South America. AGNES CHASE. 316.

New grasses from the Philippines and South India. JOSÉ VERA SANTOS. 135.

New names in *Quercus* and *Osmanthus.* ELBERT L. LITTLE, Jr. 8.

Notes on American Euphorbiaceae, with descriptions of eleven new species. LEON CROIZAT. 11.

Stem and foliage scab of sweet potato (*Ipomoea batatas*). ANNA E. JENKINS and AHMÉS P. VIÉGAS. 244.

Ten new American Asteraceae. S. F. BLAKE. 265.

The travels of Thomas Coulter, 1824–1827. ROGERS MCVAUGH. 65.

Two new basidiomycetous fungi parasitic on nematodes. CHARLES DRECHSLER. 183.

Ecology. Progress in utilization standards for western ranges. R. S. CAMPBELL. 161.

Entomology. Insect taxonomy and principles of speciation. J. MANSON VALENTINE. 353.

New genera and species of Neotropical bark beetles. M. W. BLACKMAN. 34.

New species of flies of the genera *Baccha* and *Rhinoprosopa* (Syrphidae). F. M. HULL. 214.

New species of syrphid flies in the National Museum. FRANK M. HULL. 39.

Some undescribed species of flies of the genus *Baccha* (Syrphidae). F. M. HULL. 72.

Synoptic revision of the *testaceipennis* group of the beetle genus *Phyllophaga.* LAWRENCE W. SAYLOR. 106.

Ethnology. Hokan discovered in South America. JOHN P. HARRINGTON. 334.

Pacific Coast Athapascan discovered to be Chilcotin. JOHN P. HARRINGTON. 203.

The last passenger pigeon hunts of the Cornplanter Senecas. WILLIAM N. FENTON and MERLE H. DEARDORFF. 289.

General science. A scientific recreation—the extent and accuracy of our measurable concepts. HARVEY L. CURTIS. 321.

Thomas Jefferson and science. AUSTIN H. CLARK. 193.

Geochemistry. Clays and soils in relation to geologic processes. CLARENCE S. ROSS. 225.

Geology. *Glacial events of the historic period. F. E. MATTHES. 347.

*Heart Mountain and South Fork thrusts, Wyoming. W. G. PIERCE. 347.

*Sheet structure in granites; its origin and use as a measure of glacial erosion in New England. R. N. JAHNS. 348.

The paleontology and stratigraphy of the upper Martinsburg formation of Massanutten Mountain, Virginia. MARK H. SECRIST and WILLIAM R. EVITT. 358.

*The vanadium deposits of Colorado and Utah. R. P. FISCHER. 349.

History of science. The genealogical tree of modern science. PAUL R. HEYL. 327.

Ichthyology. Descriptions of a new genus and a new species of Parodontinae, characinid fishes from South America. LEONARD P. SCHULTZ and CECIL MILES. 251.

Notes on the affinity, anatomy, and development of *Elops saurus* Linnaeus. SAMUEL F. HILDEBRAND. 90.

Review of the genera of blennioid fishes related to *Ophioblennius.* EARL D. REID. 372.

The osteology and relationships of the bathypelagic fishes of the genus *Bathylagus* Günther with notes on the systematic position of *Leuroglossus stilbius* Gilbert and *Therobromus callorhinus* Lucas. WILBERT MCLEOD CHAPMAN. 147.

Two marine fishes new to the fauna of Alaska, with notes on another species. LEONARD P. SCHULTZ. 59.

Two new characinid fishes from South America of the genus *Gilbertolus* Eigenmann. LEONARD P. SCHULTZ. 273.

Mammalogy. The systematic status of certain pocket gophers, with special reference to *Thomomys monticola.* E. A. GOLDMAN. 146.

Obituaries. ADAMS, FRANK DAWSON. 119.
FINN, ALFRED N. 32.
FULLER, HENRY CORBIN. 64.
HOFFMAN, WILLIAM ALBERT. 287.
JACKSON, RICHARD FAY. 287.
KNIGHT, HENRY GRANGER. 94.
MCNICHOLAS, HARRY JOHN. 192.
POSTLEY, OLIVE C. 350.
RATHBUN, MARY JANE. 351.
SCHUCHERT, CHARLES. 352.
SETCHELL, WILLIAM ALBERT. 288.
STABLER, HERMAN. 118.
WALKER, THOMAS LEONARD. 95.

Oceanography. Boundaries of the Humboldt Current. ELIOT G. MEARS. 125.

Ornithology. A new honey-guide from Cameroon. HERBERT FRIEDMANN. 249.

A new race of the sharp-tailed grouse. HERBERT FRIEDMANN. 189.

A new wood quail of the genus *Dendrortyx*. HERBERT FRIEDMANN. 272.

Critical notes on the avian genus *Lophortyx*. HERBERT FRIEDMANN. 369.

Description of a third form of curassow of the genus *Pauxi*. ALEXANDER WETMORE and W. H. PHELPS. 142.

Two new birds from Morelos, Mexico. PIERCE BRODKORB. 33.

Paleobotany. A climbing fern from the Upper Cretaceous of Wyoming. ROLAND W. BROWN. 141.

Paleontology. A revision of the genus *Steganocrinus*. EDWIN KIRK. 259.

Identification of *Actinocrinus chloris* Hall. Edwin Kirk 346.

Jefferson's contribution to paleontology. ROLAND W. BROWN. 257.

Physics. The scientific significance of ferromagnetism. FRANCIS BITTER. 235

Toxicology. Toxicity of some dinitrophenols to the American dog tick, *Dermacentor variabilis* (Say). OSCAR E. TAUBER, ANNE HAGER TAUBER, CHARLES R. JOYCE, and WILLIS N. BRUCE. 97.

Zoology. A folliculinid associated with a hermit crab. E. A. ANDREWS and E. G. REINHARD. 216.

A new genus of Virginia millipeds related to *Scytonotus* and a new species from Florida. H. F. LOOMIS. 318.

A new snake of the genus *Tropidodipsas* from Mexico. HOBART M. SMITH. 371.

A new species of *Cyclocoelum*, a trematode from the catbird. C. COURSON ZELIFF. 255.

A new trichostrongylid nematode from the stomachs of American squirrels. JOHN T. LUCKER. 75.

Another Mexican snake of the genus *Pliocercus*. HOBART M. SMITH. 344.

A redescription of *Typhlonema salomonis* Kreis (Nematoda). JOHN T. LUCKER. 28.

North American monogenetic trematodes: VI. The family Diclidophoridae (Diclidophoroidea). EMMETT W. PRICE. 44.

Notes on Mexican urocoptid mollusks. PAUL BARTSCH. 54.

Observations on the route of migration of the common liver fluke, *Fasciola hepatica*, in the definitive host. WENDELL H. KRULL and R. SCOTT JACKSON. 79.

On a species of pycnogonid from the North Pacific. JOEL W. HEDGPETH. 223.

Pycnogonida of the Bartlett collections. JOEL W. HEDGPETH. 83.

Two new ostracods of the genus *Entocythere* and records of previously described species. C. CLAYTON HOFF. 276.